

FIG. 1A

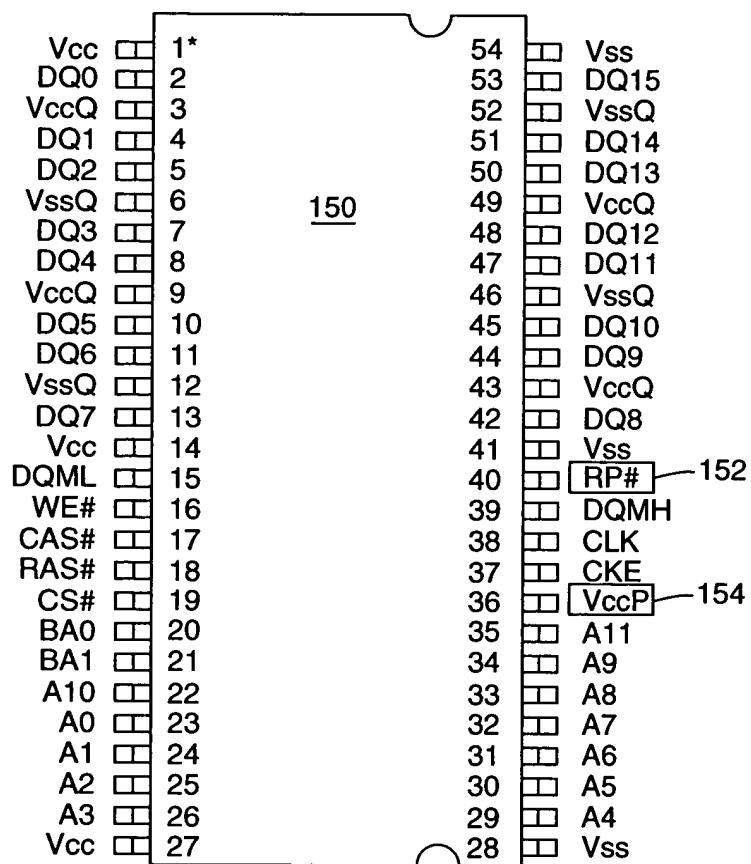


FIG. 1B

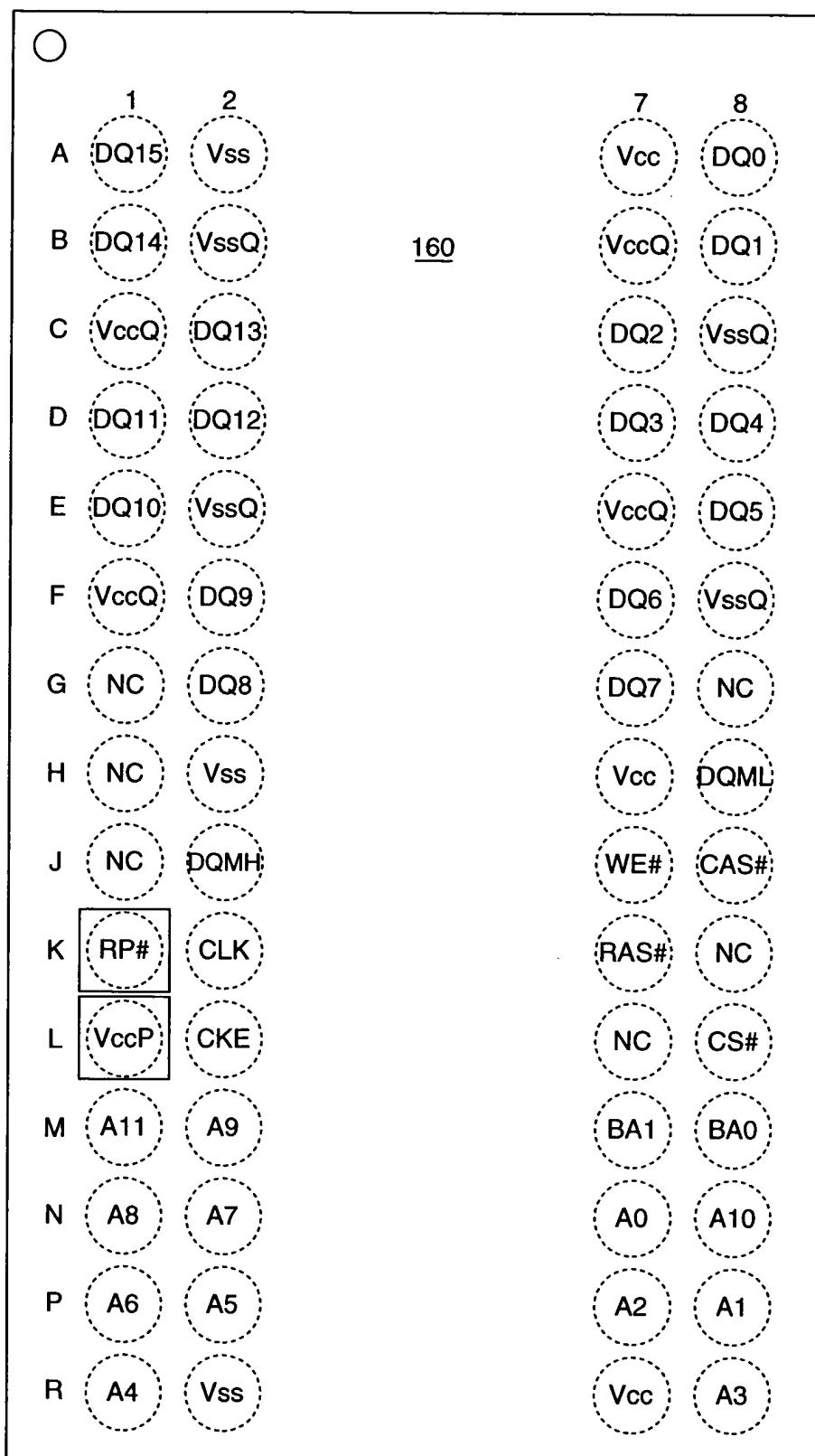


FIG. 1C

REPLACEMENT SHEET

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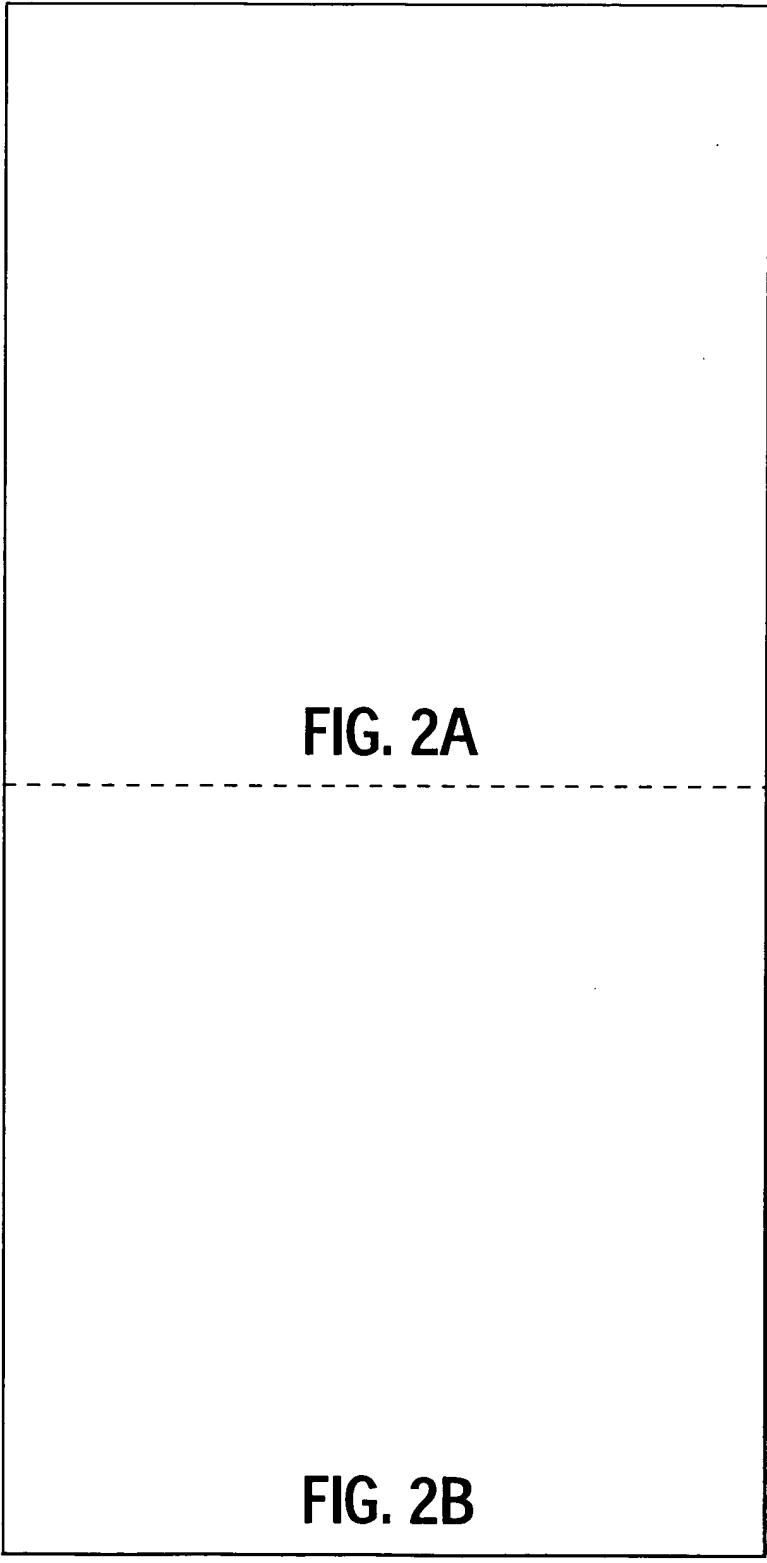


FIG. 2A

FIG. 2B

FIG. 2

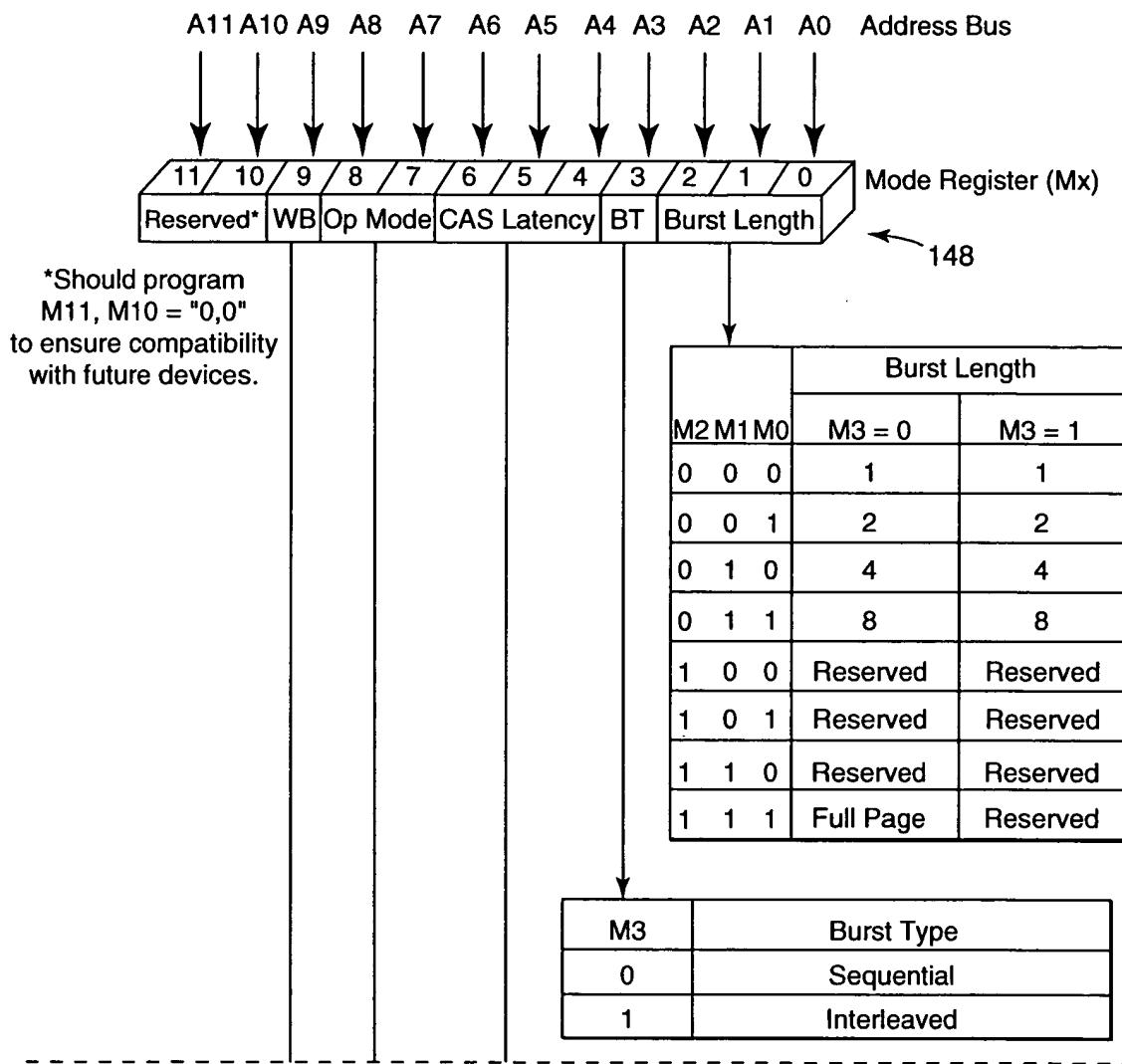


FIG. 2A

REPLACEMENT SHEET

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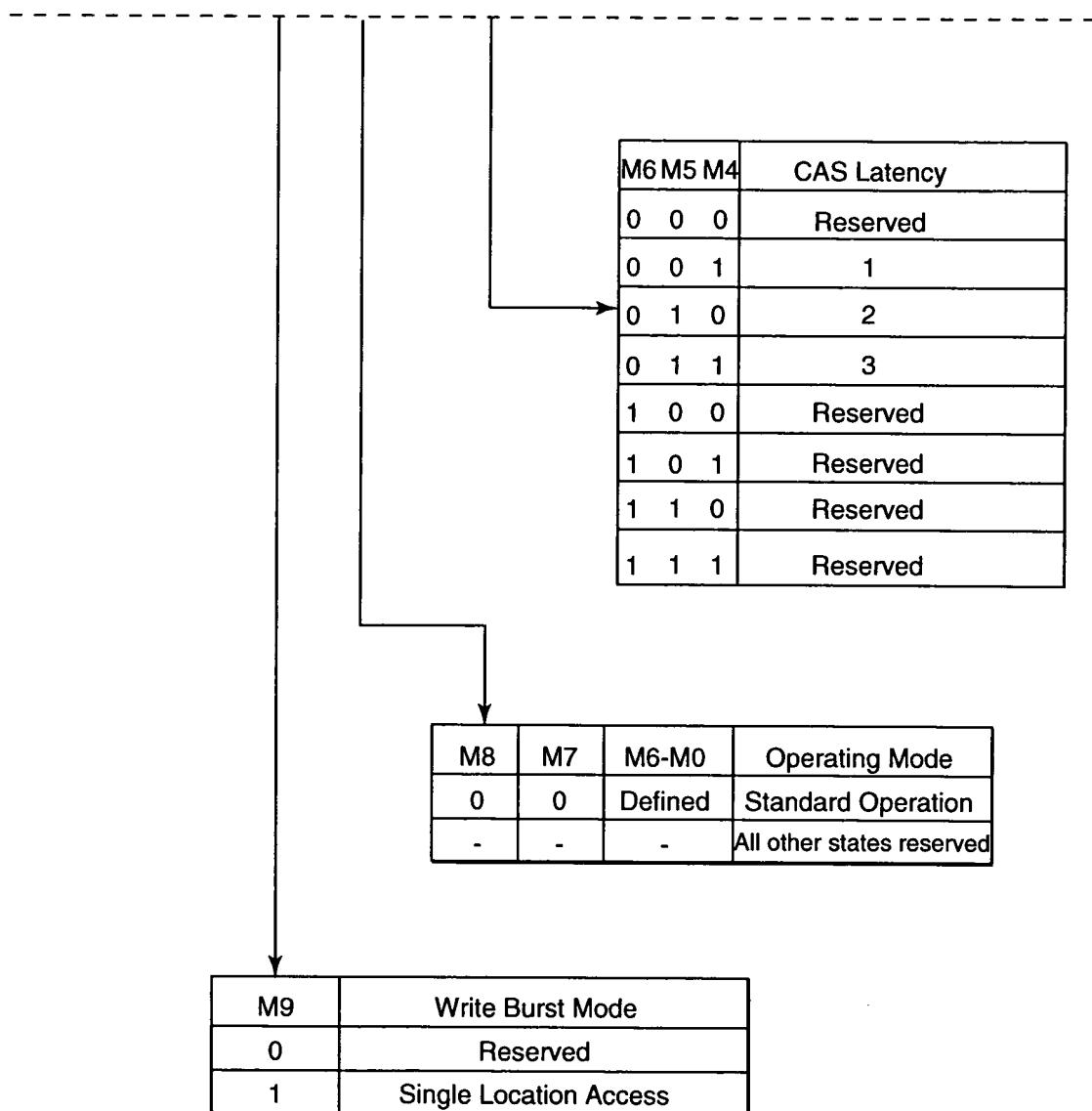


FIG. 2B

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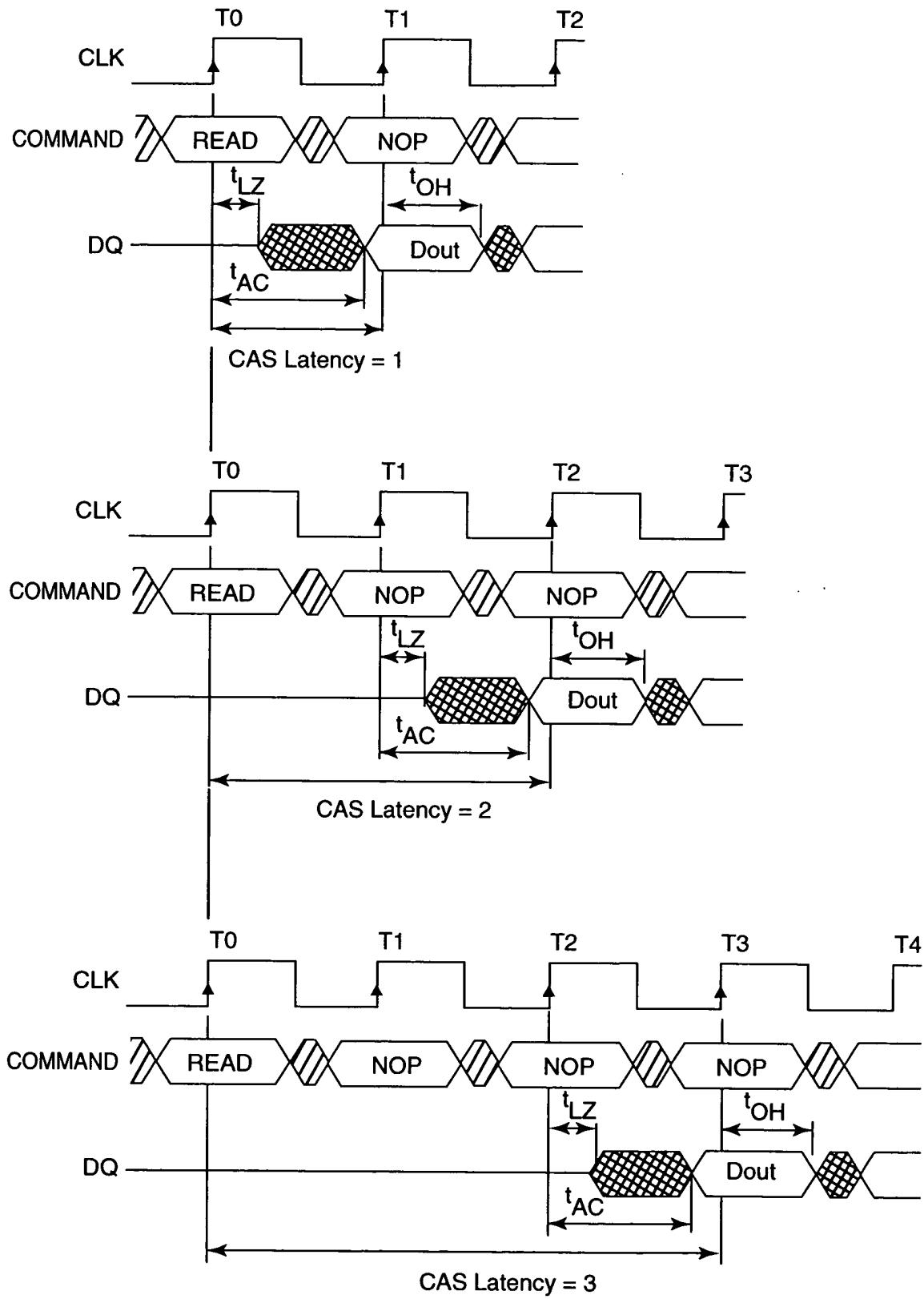


FIG. 3

DON'T CARE
 UNDEFINED

REPLACEMENT SHEET

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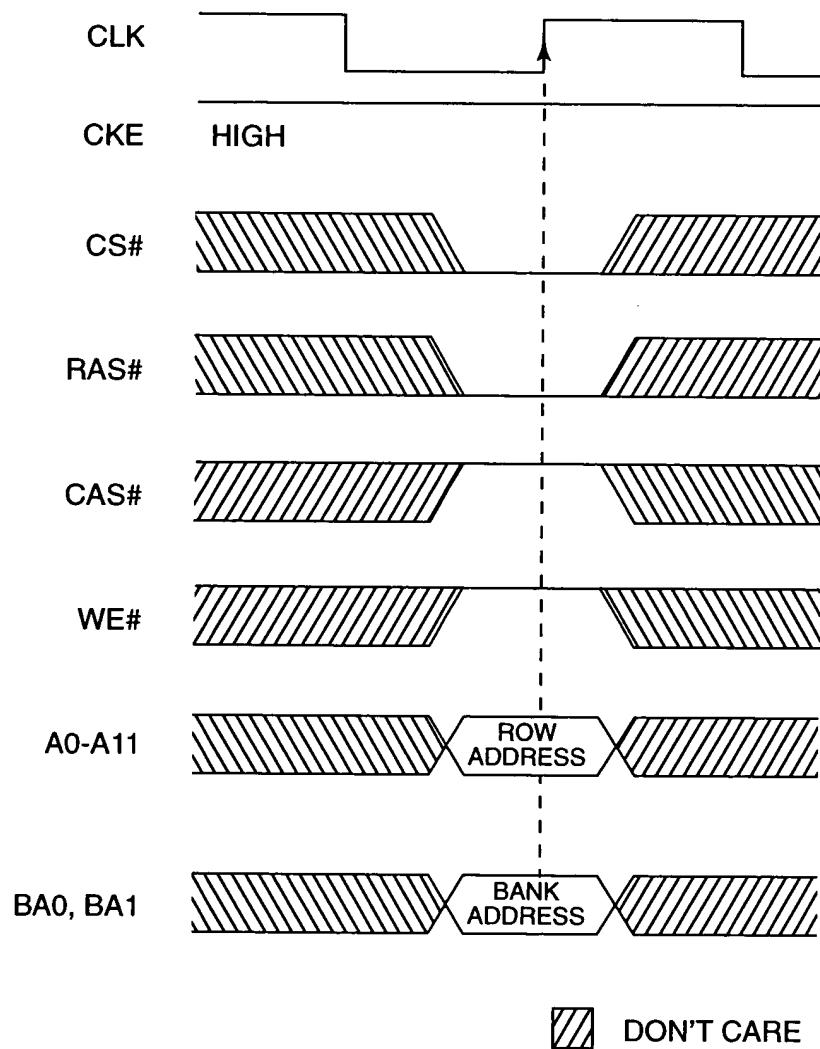


FIG. 4

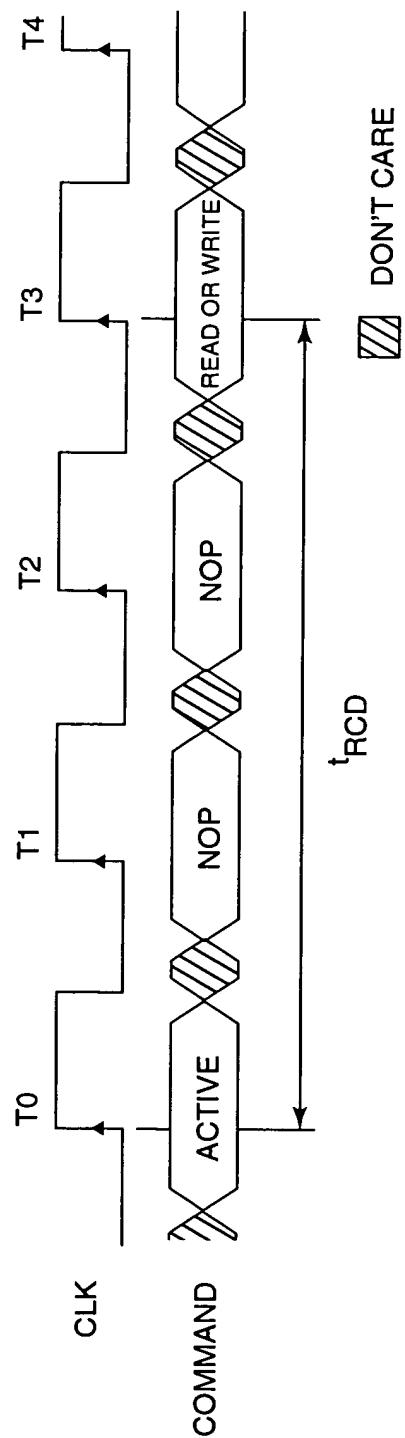


FIG. 5

REPLACEMENT SHEET

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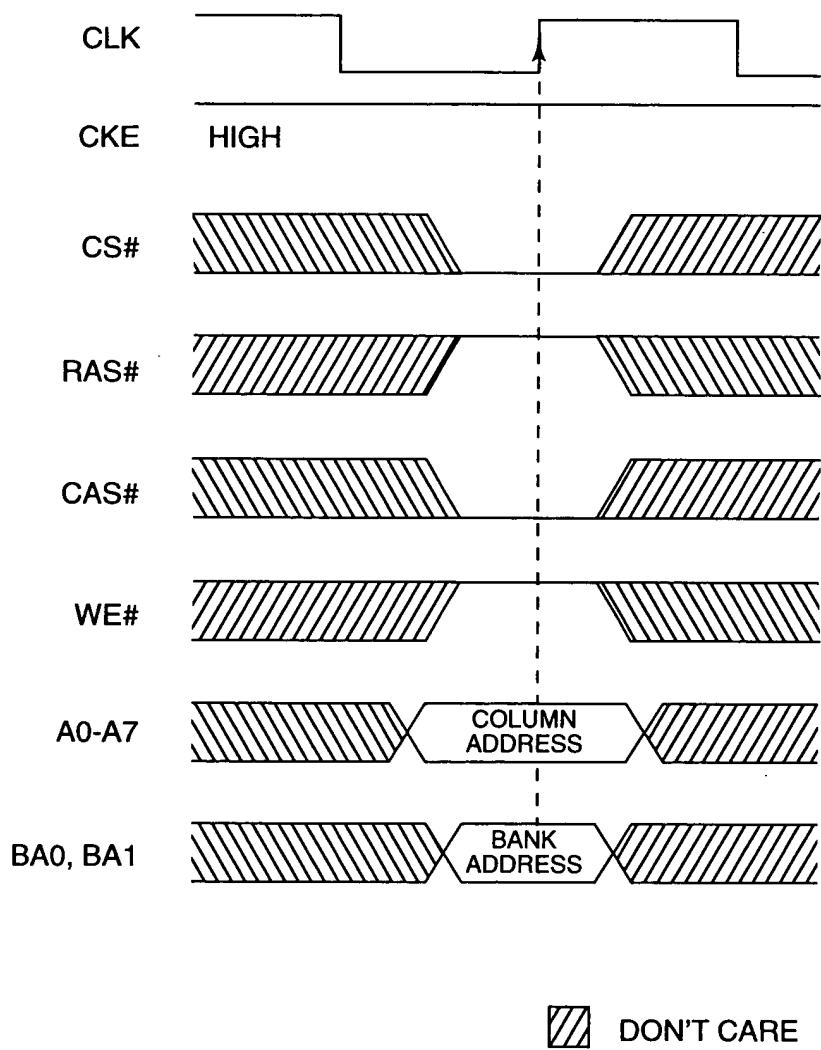
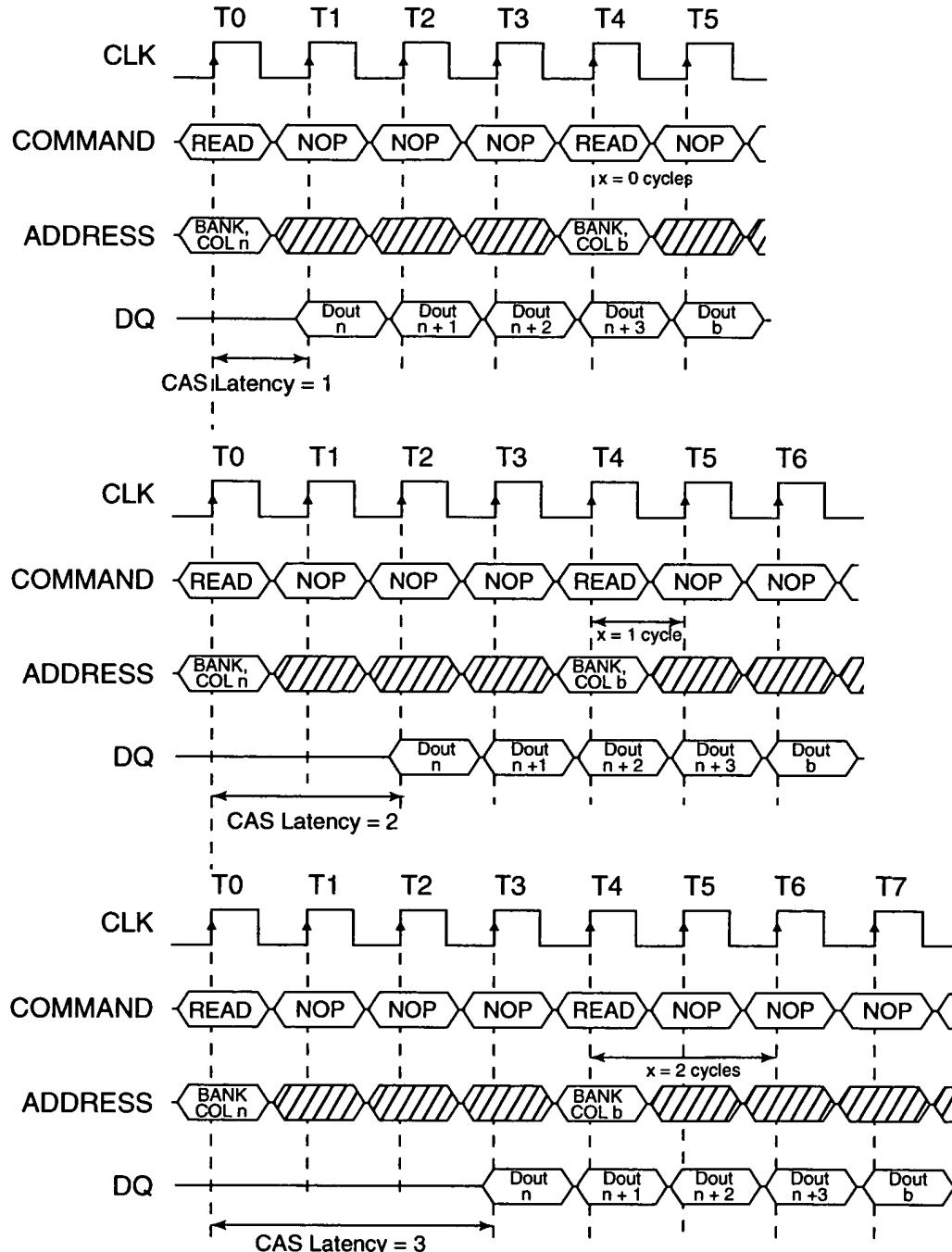


FIG. 6

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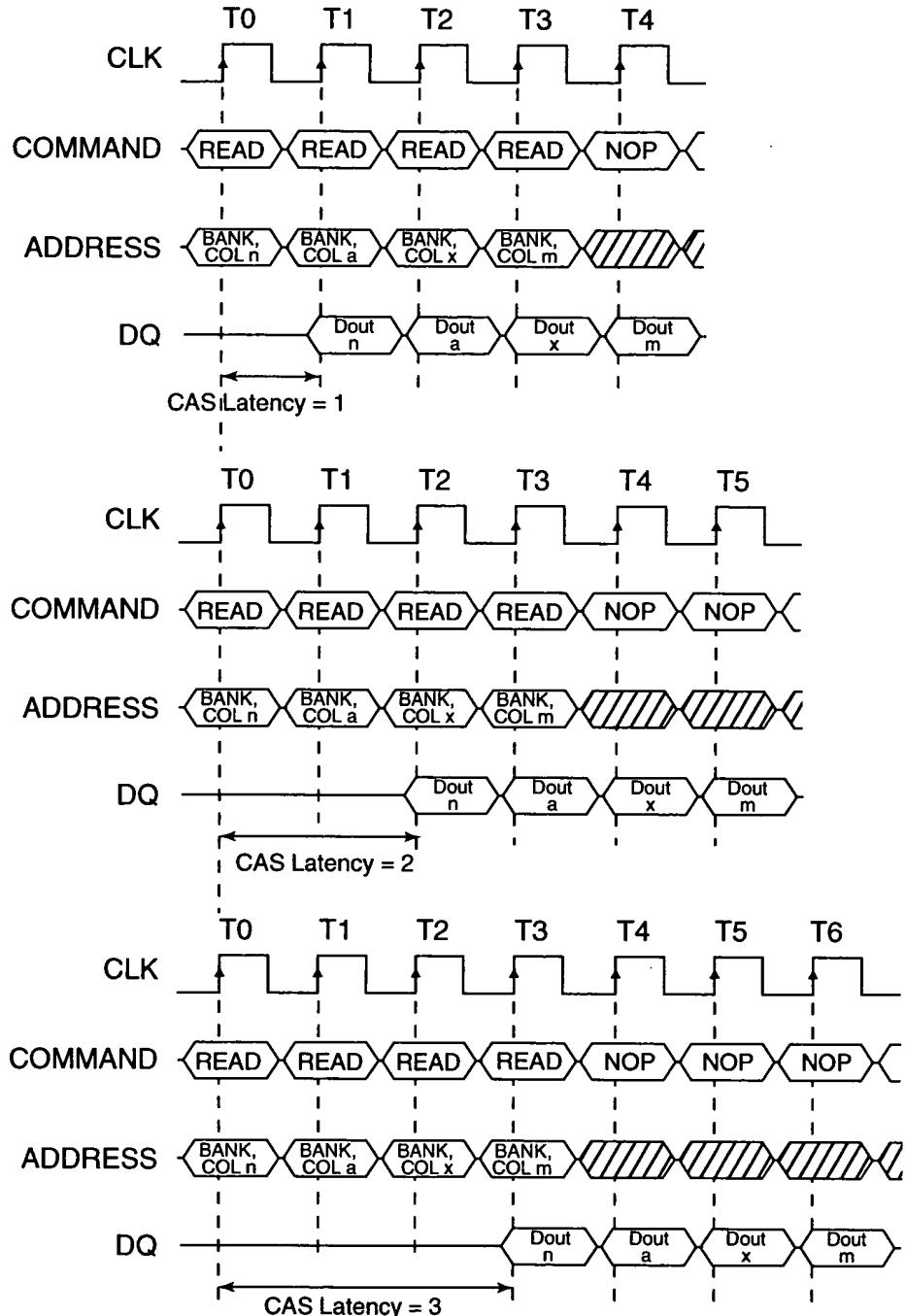


DON'T CARE

NOTE: Each READ command may be to either bank. DQM is LOW.

FIG. 7

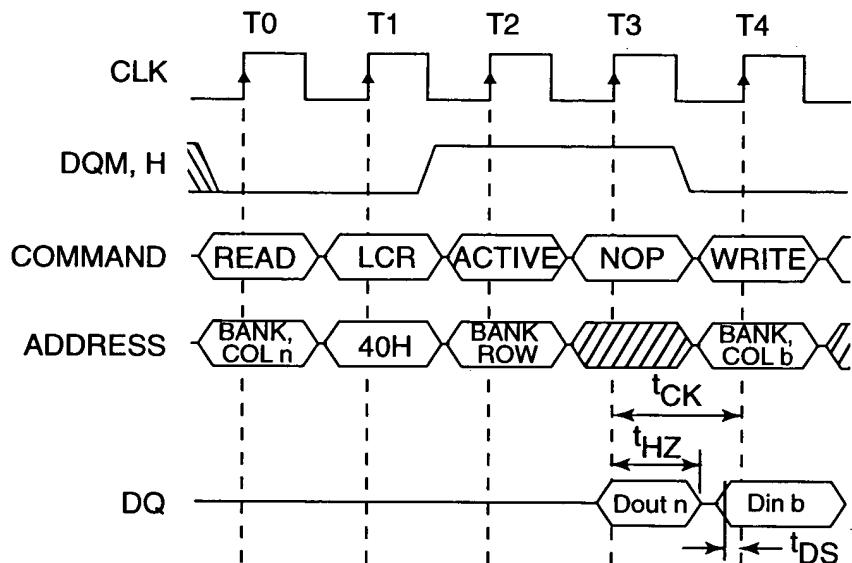
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NOTE: Each READ command may be to either bank. DQM is LOW.

DON'T CARE

FIG. 8



NOTE: A CAS latency of three is used for illustration. The READ command may be to any bank, and the WRITE command may be to any bank. If a CAS latency of one is used, then DQM is not required.

DON'T CARE

FIG. 9

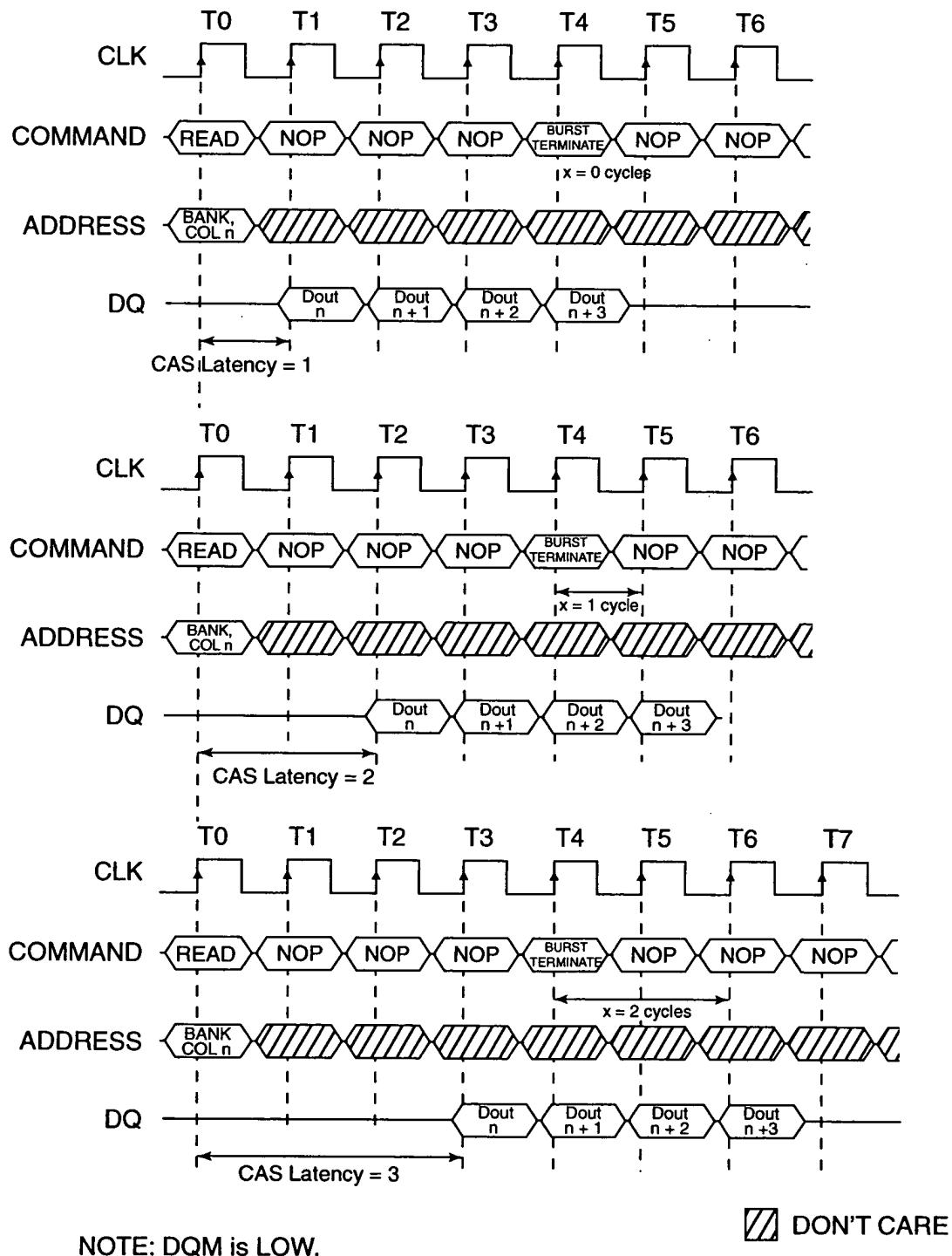


FIG. 10

REPLACEMENT SHEET

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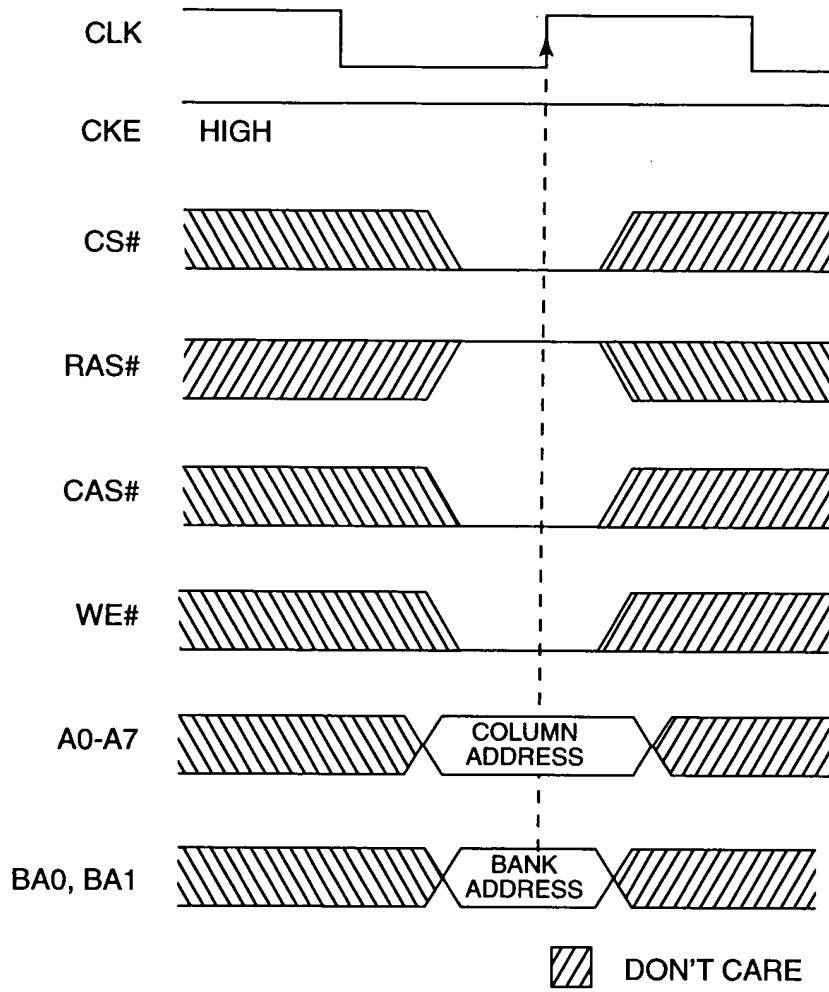
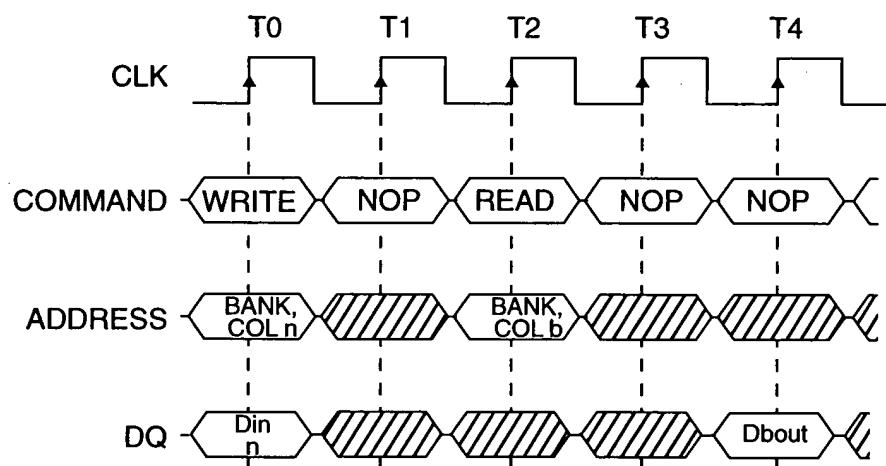


FIG. 11



NOTE: A CAS latency of two is used for illustration. The WRITE command may be to any bank and the READ command may be to any bank. DQM is LOW. A READ to the bank undergoing the WRITE ISM operation may output invalid data.

▨ DON'T CARE

FIG. 12

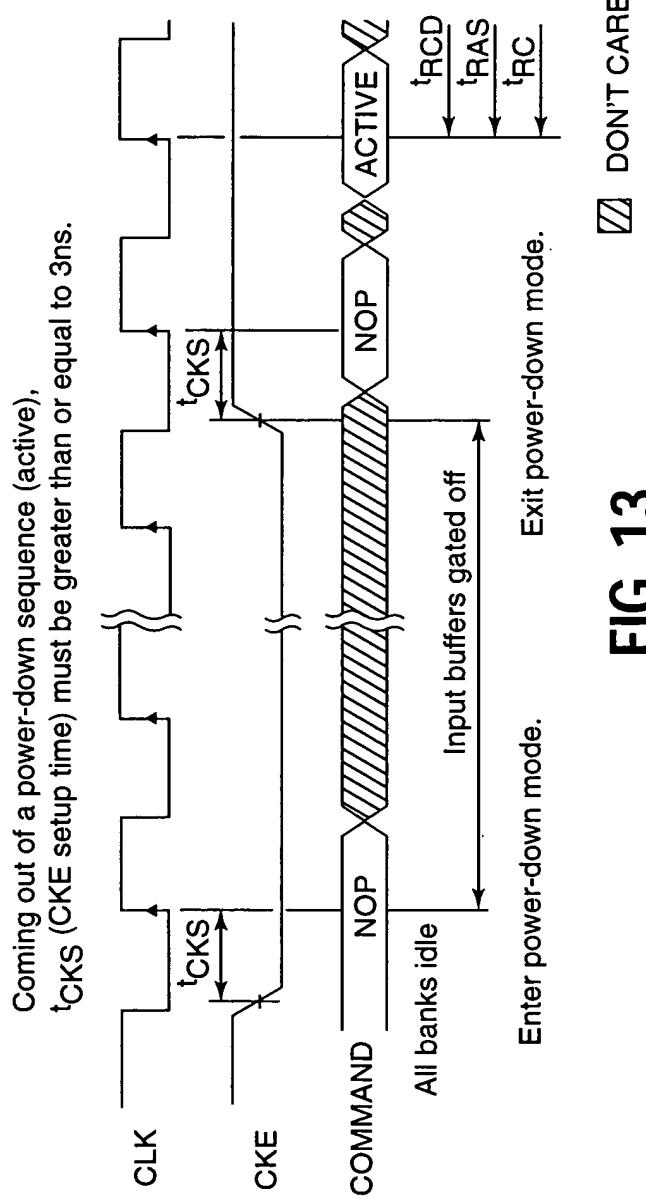
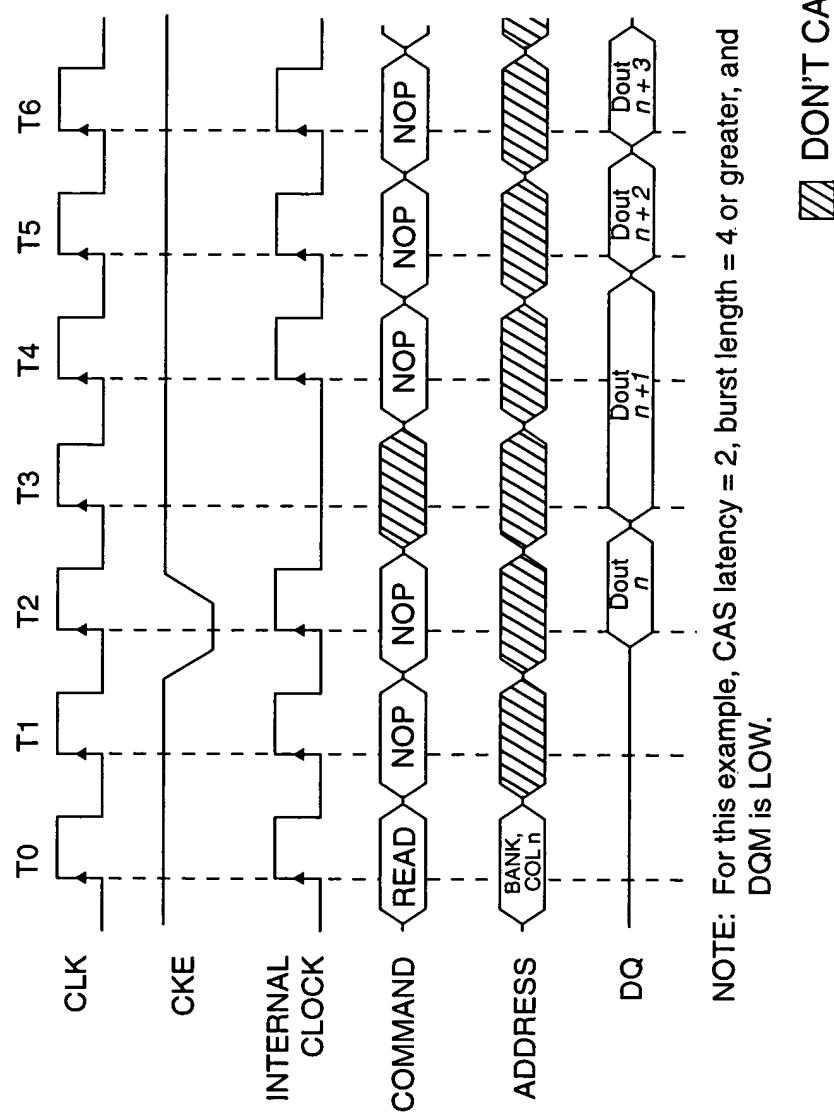
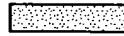


FIG. 13

**FIG. 14**

ADDRESS RANGE

			Bank	Row	Column	
			3	FFF FFH	256K-Word Block 15	210
			3	C00 00H	256K-Word Block 14	
			3	BFF FFH	256K-Word Block 13	
			3	800 00H	256K-Word Block 12	
			3	7FF FFH	256K-Word Block 11	
			3	400 00H	256K-Word Block 10	
			3	3FF FFH	256K-Word Block 9	
			3	000 00H	256K-Word Block 8	
			2	FFF FFH	256K-Word Block 7	
			2	C00 00H	256K-Word Block 6	
			2	BFF FFH	256K-Word Block 5	
			2	800 00H	256K-Word Block 4	
			2	7FF FFH	256K-Word Block 3	
			2	400 00H	256K-Word Block 2	
			2	3FF FFH	256K-Word Block 1	
			2	000 00H	256K-Word Block 0	220
					Word-wide (x16)	

 Software Lock = Hardware-Lock Sectors

RP# = V_{HH} to unprotect if either the
block protect or device protect bit is set.

 Software Lock = Hardware-Lock Sectors

RP# = V_{CC} to unprotect but must be V_{HH}
if the device protect bit is set.

See BLOCK PROTECT/UNPROTECT SEQUENCE for
detailed information.

FIG. 15

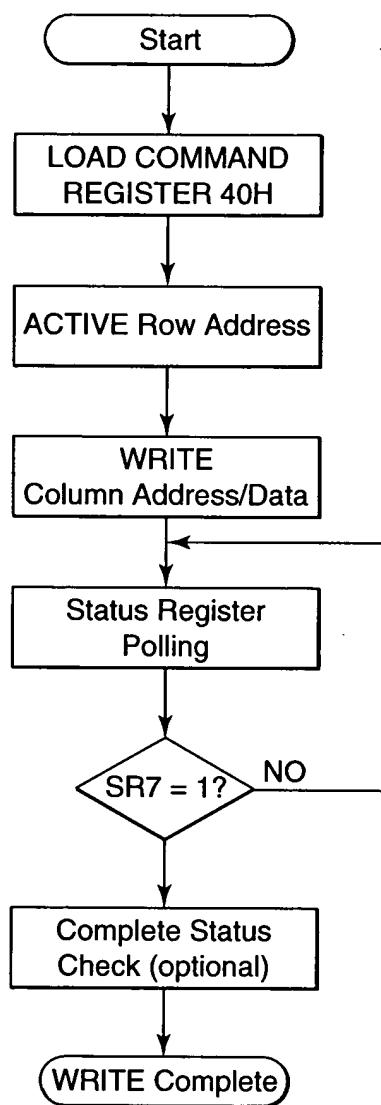


FIG. 16

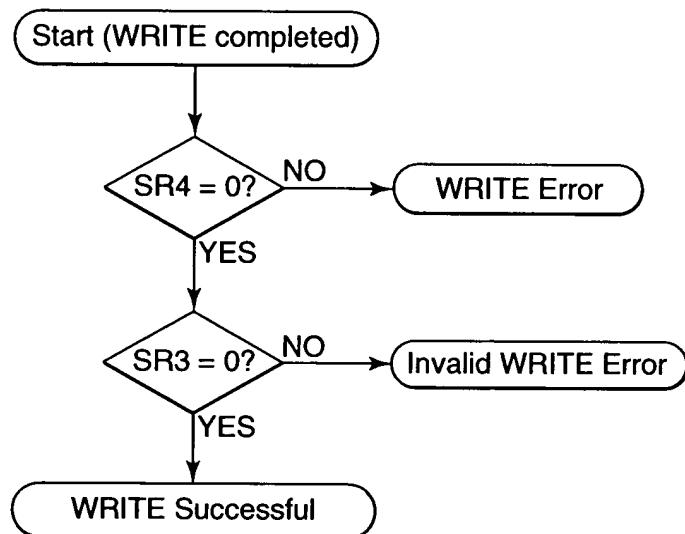


FIG. 17

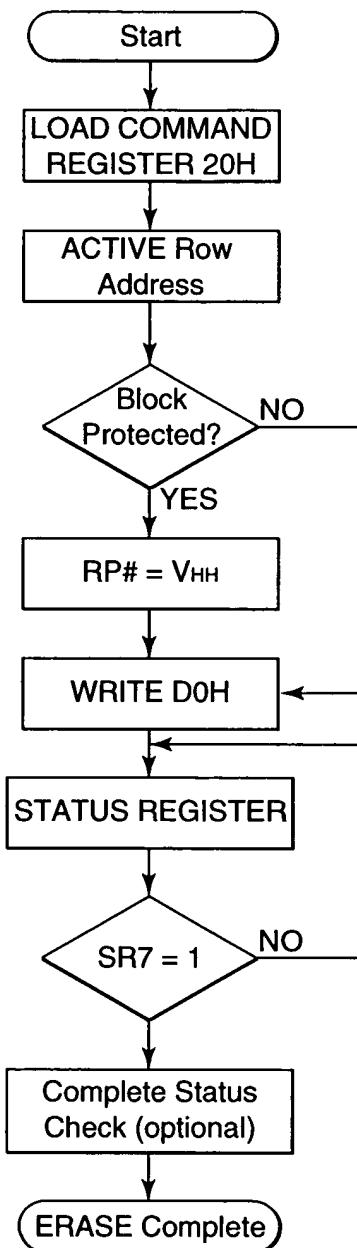
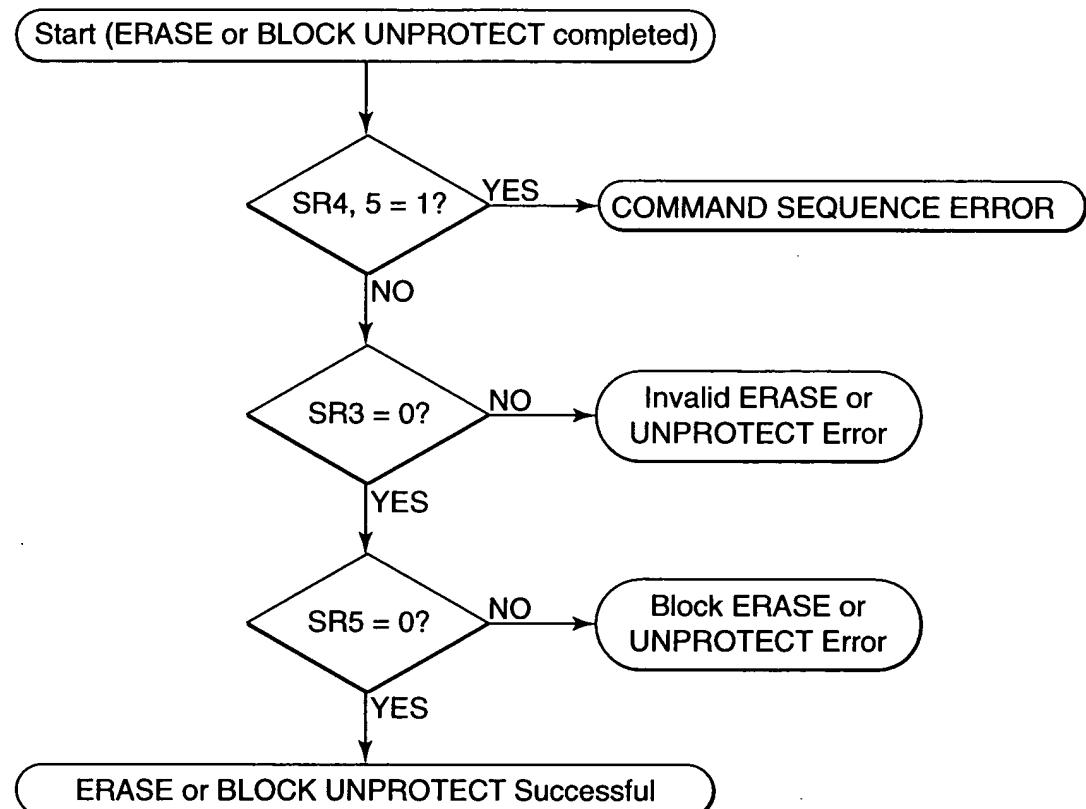


FIG. 18

**FIG. 19**

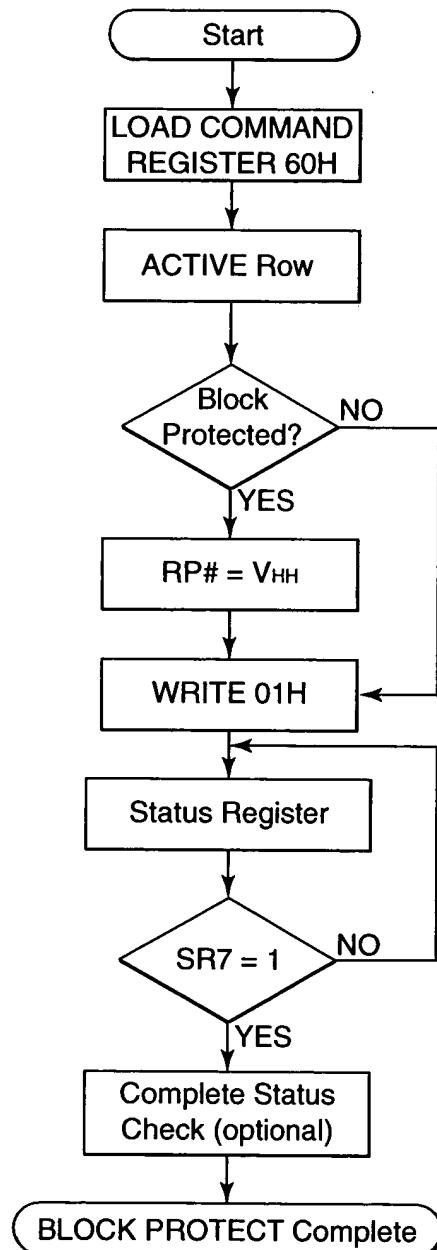
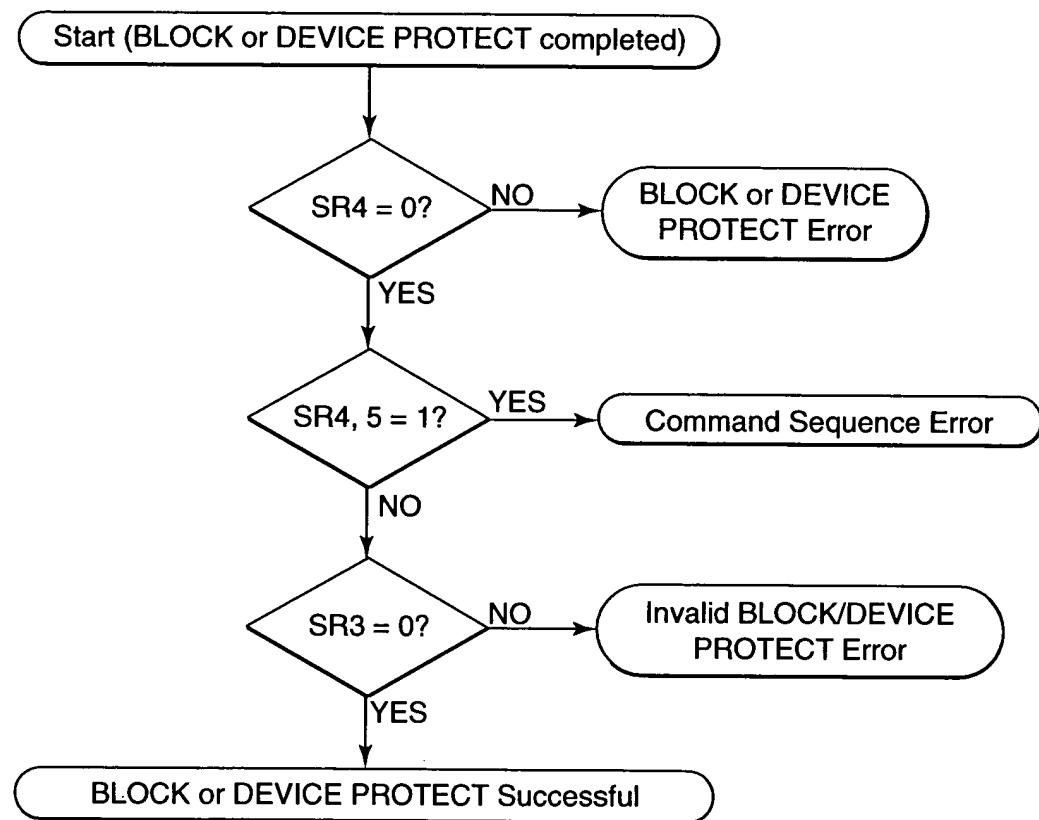


FIG. 20

**FIG. 21**

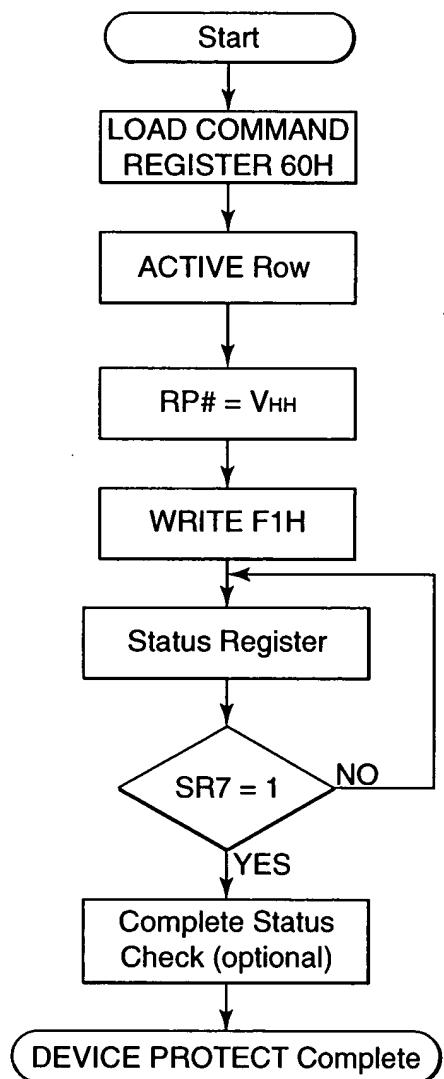


FIG. 22

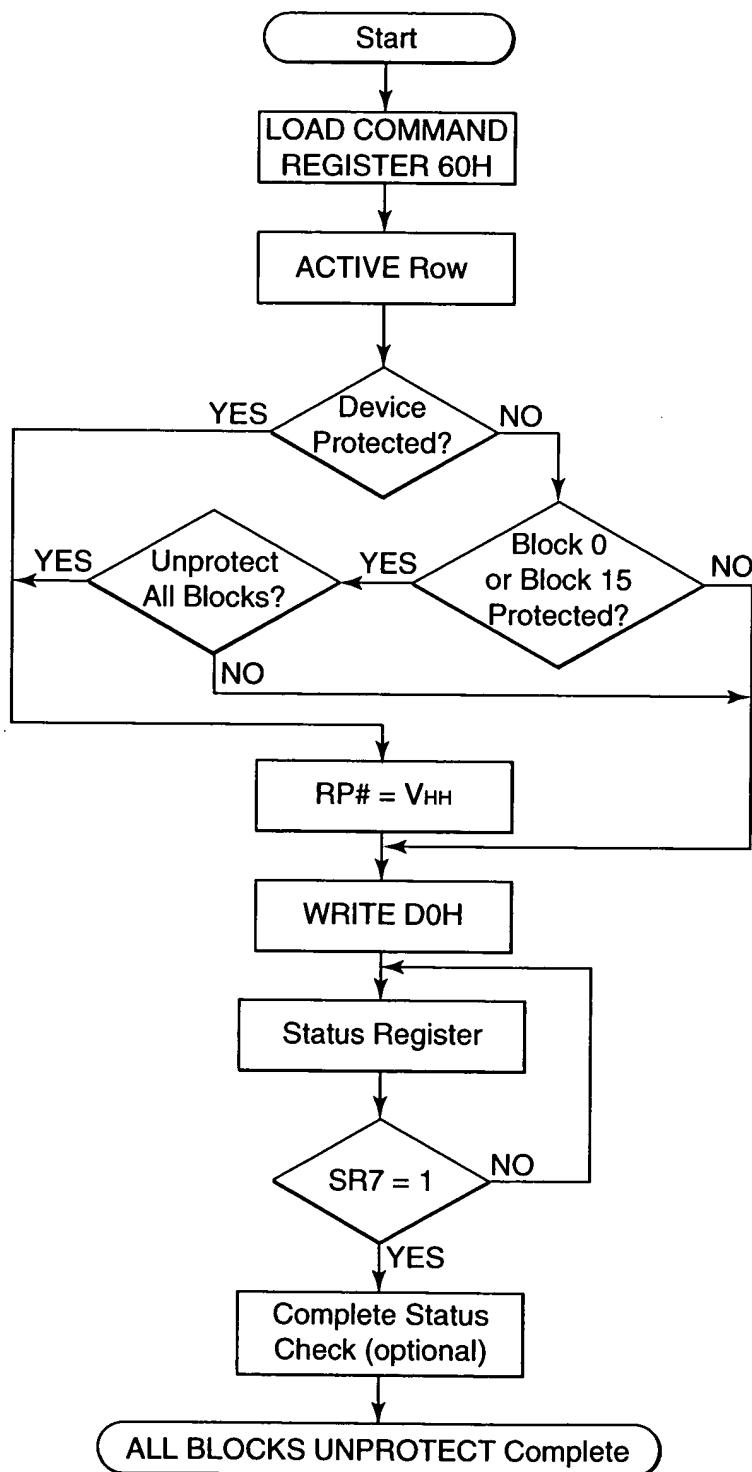


FIG. 23

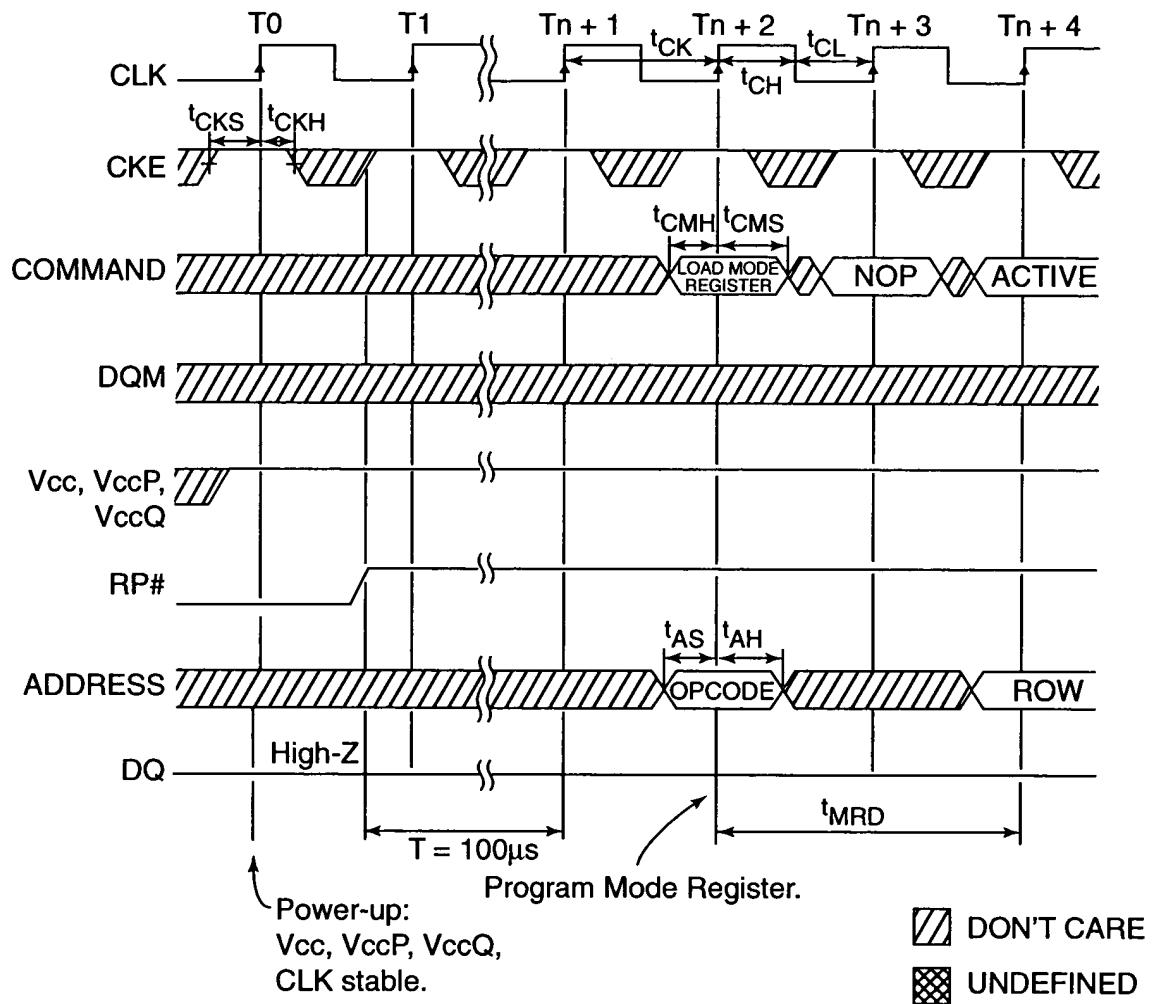


FIG. 24

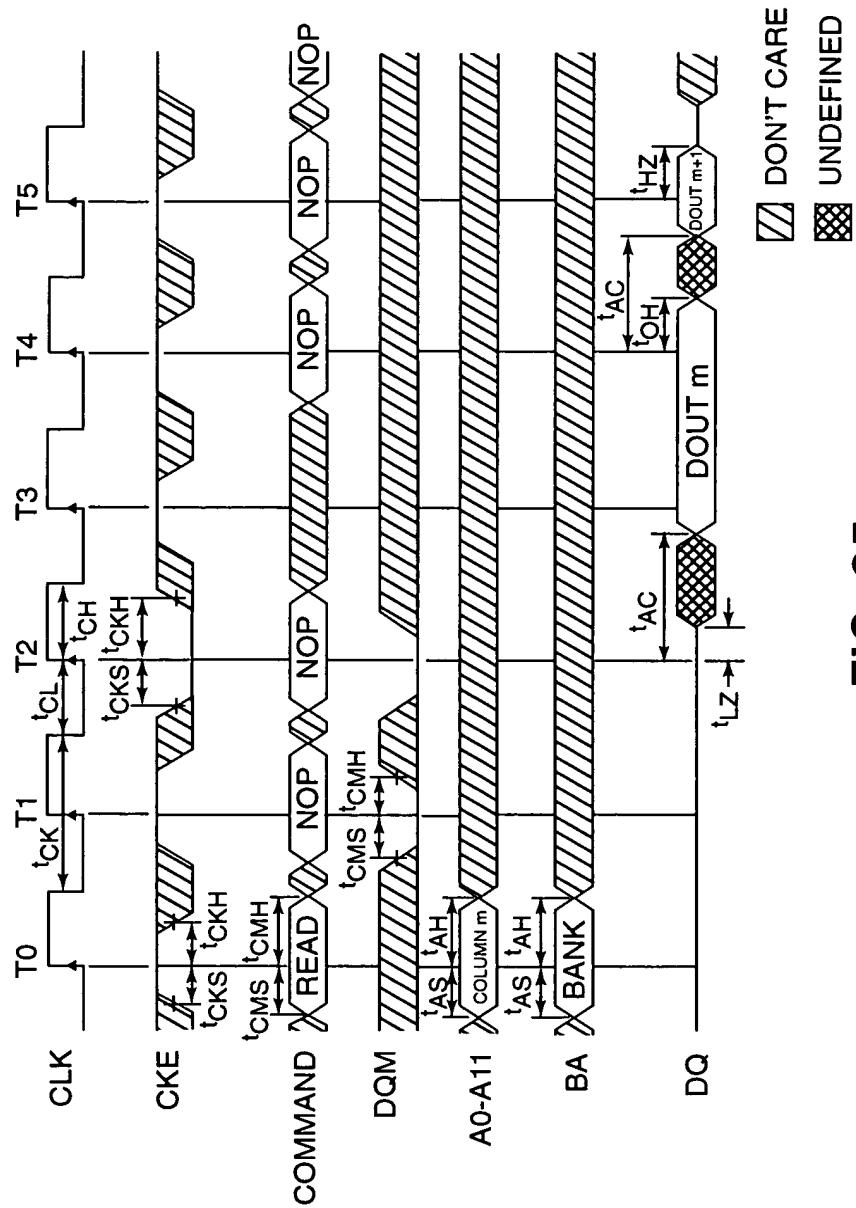


FIG. 25

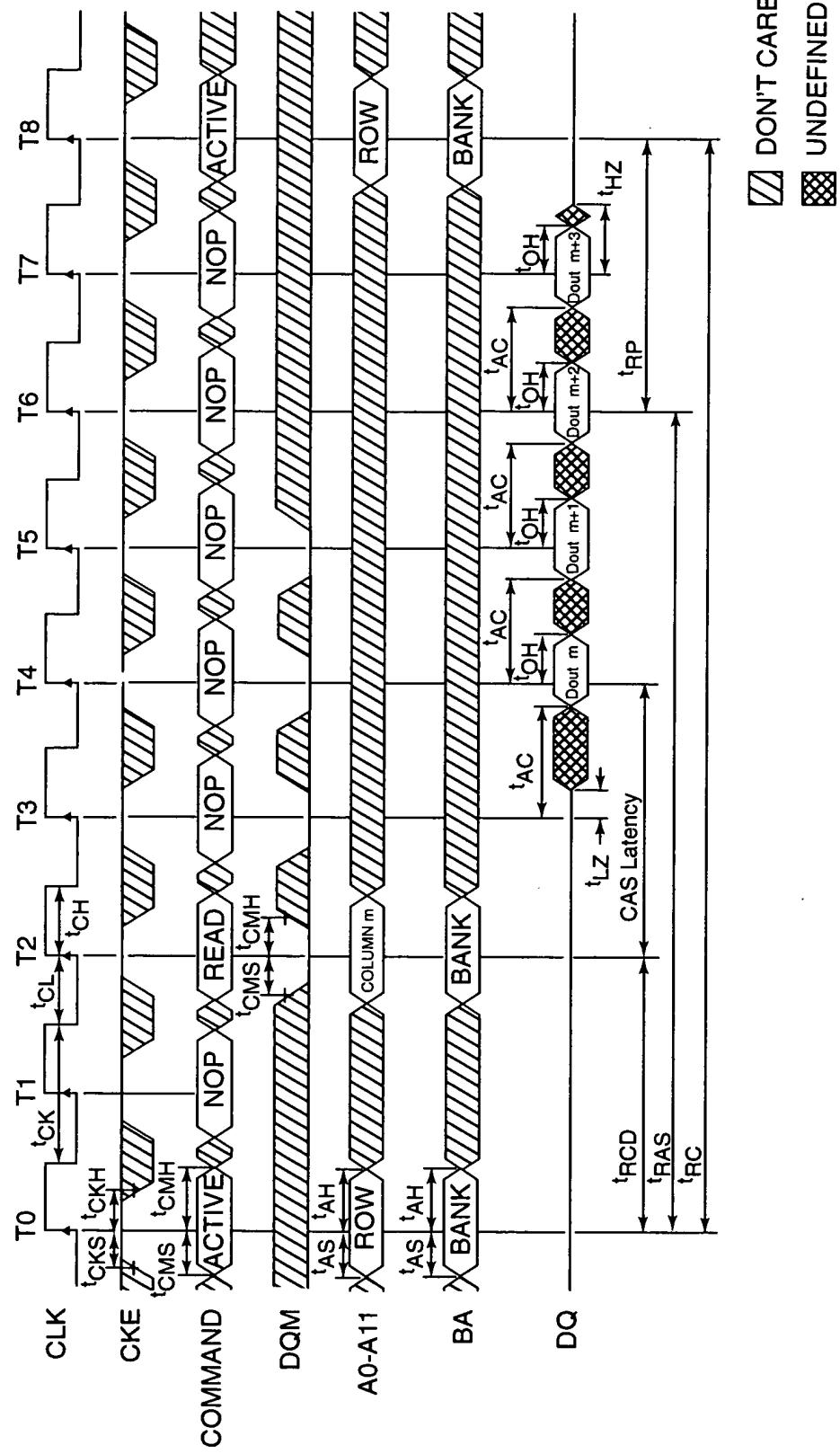


FIG. 26

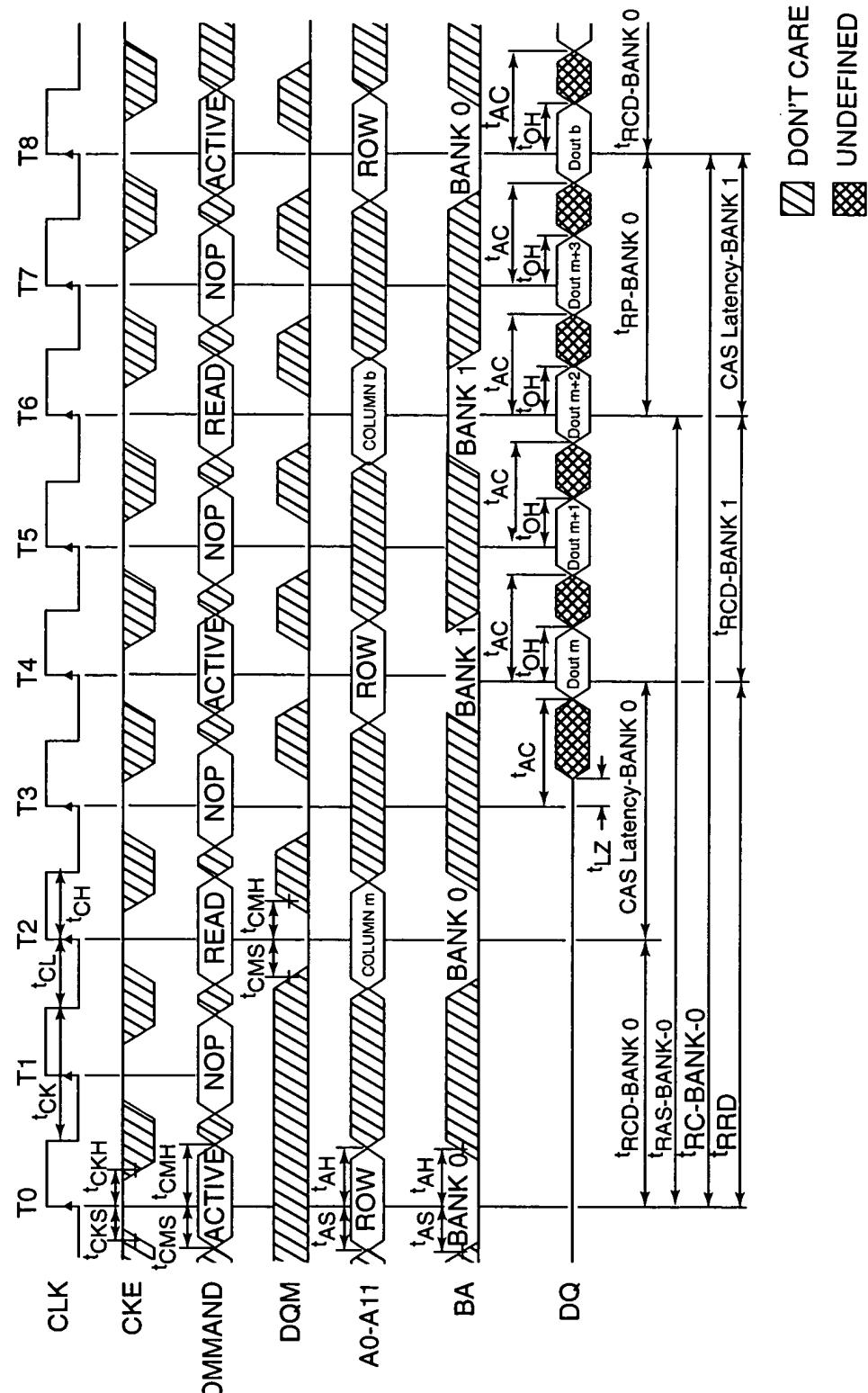


FIG. 27

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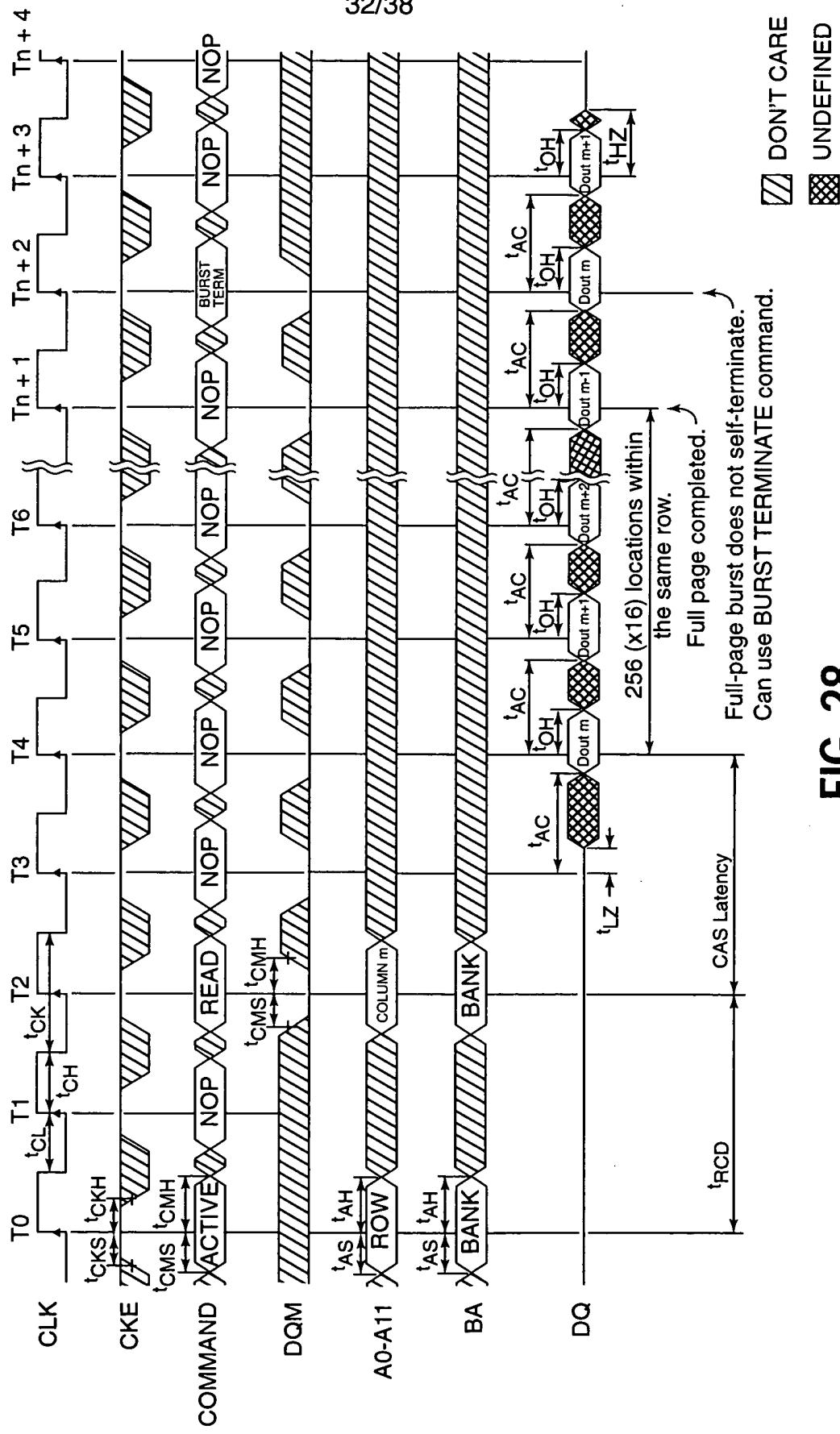


FIG. 28

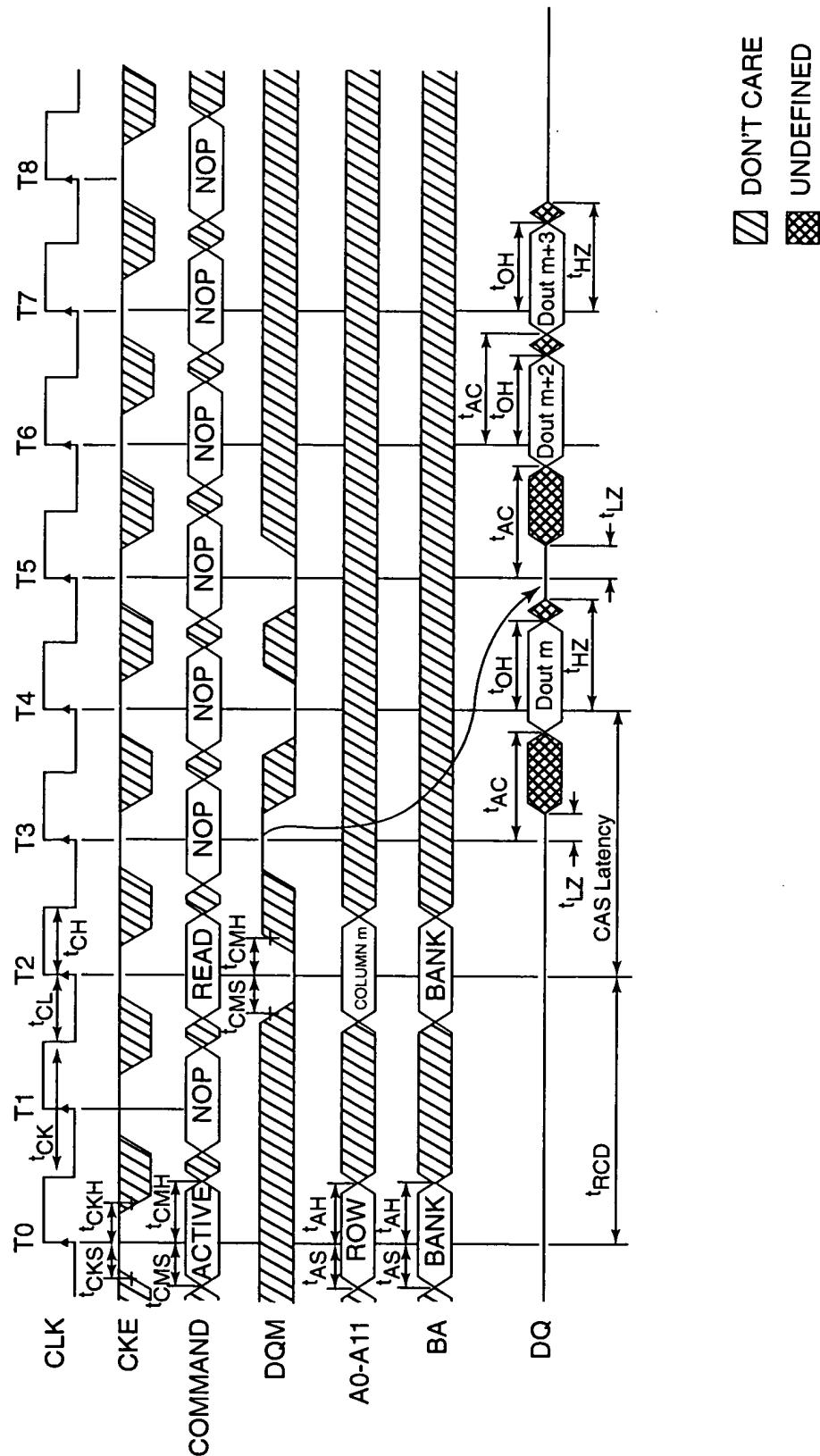


FIG. 29

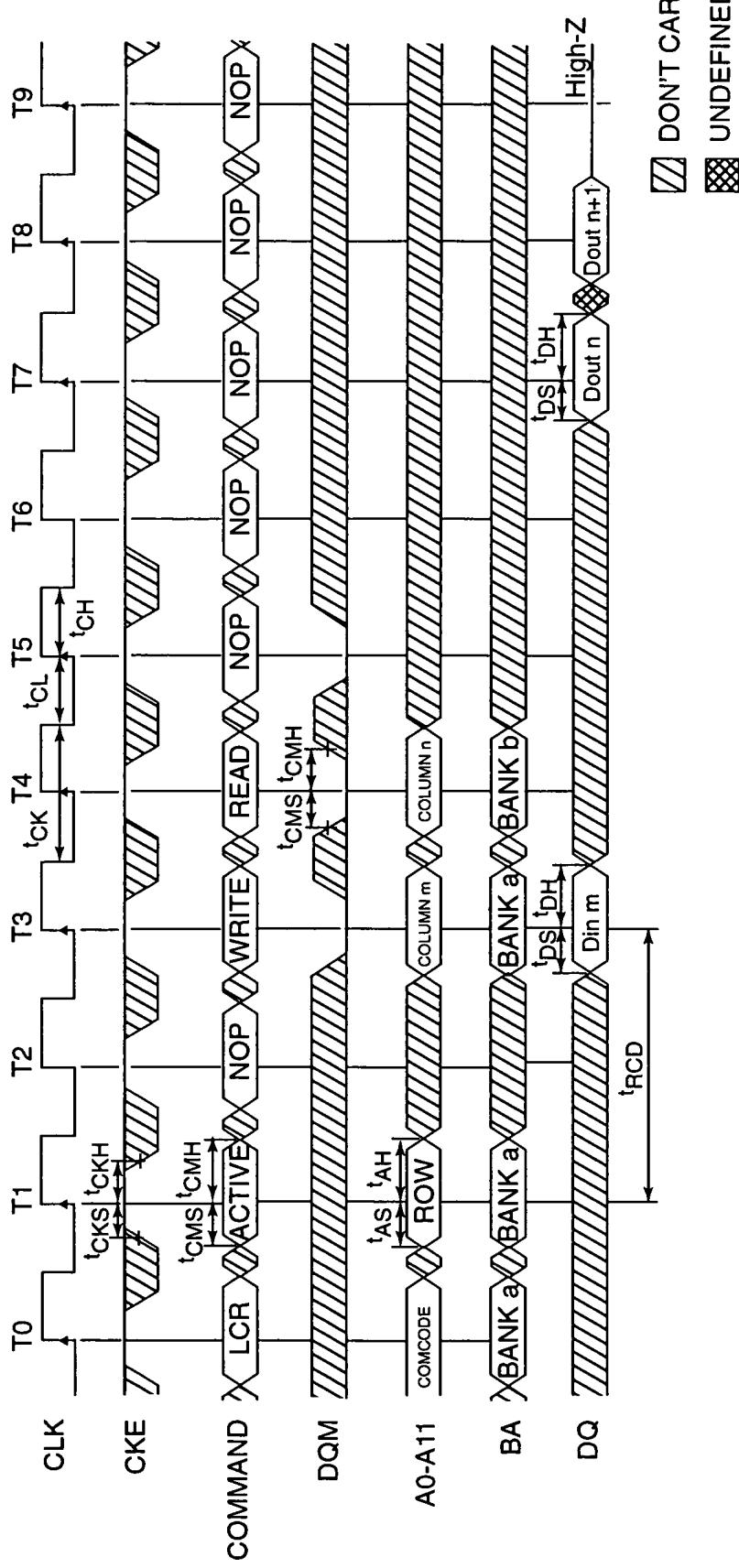


FIG. 30

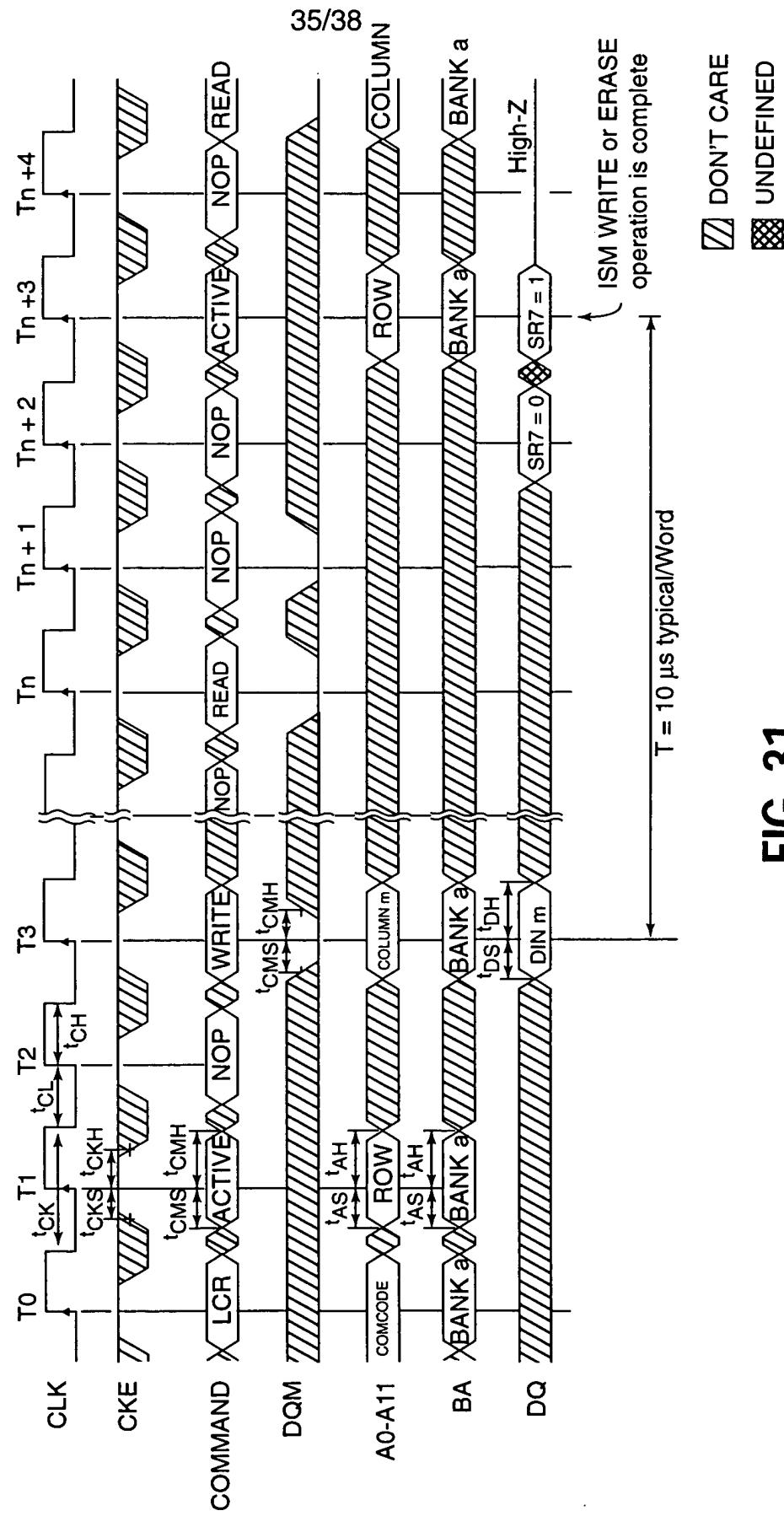


FIG. 31

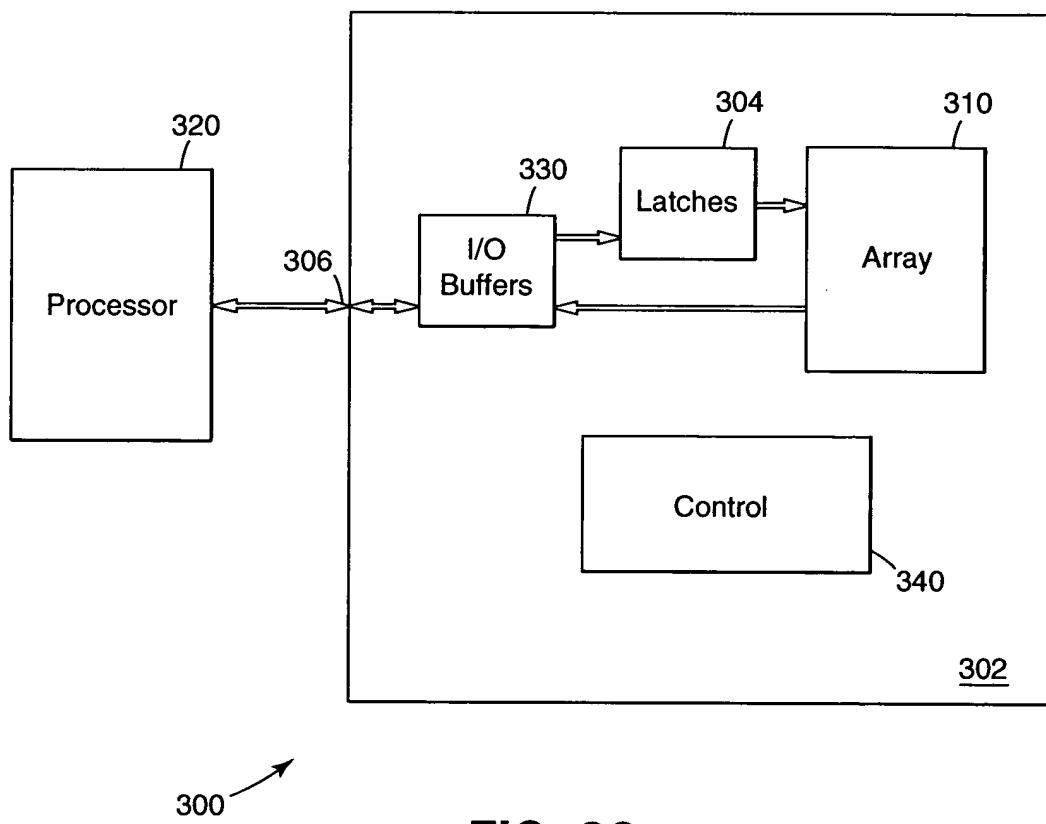


FIG. 32

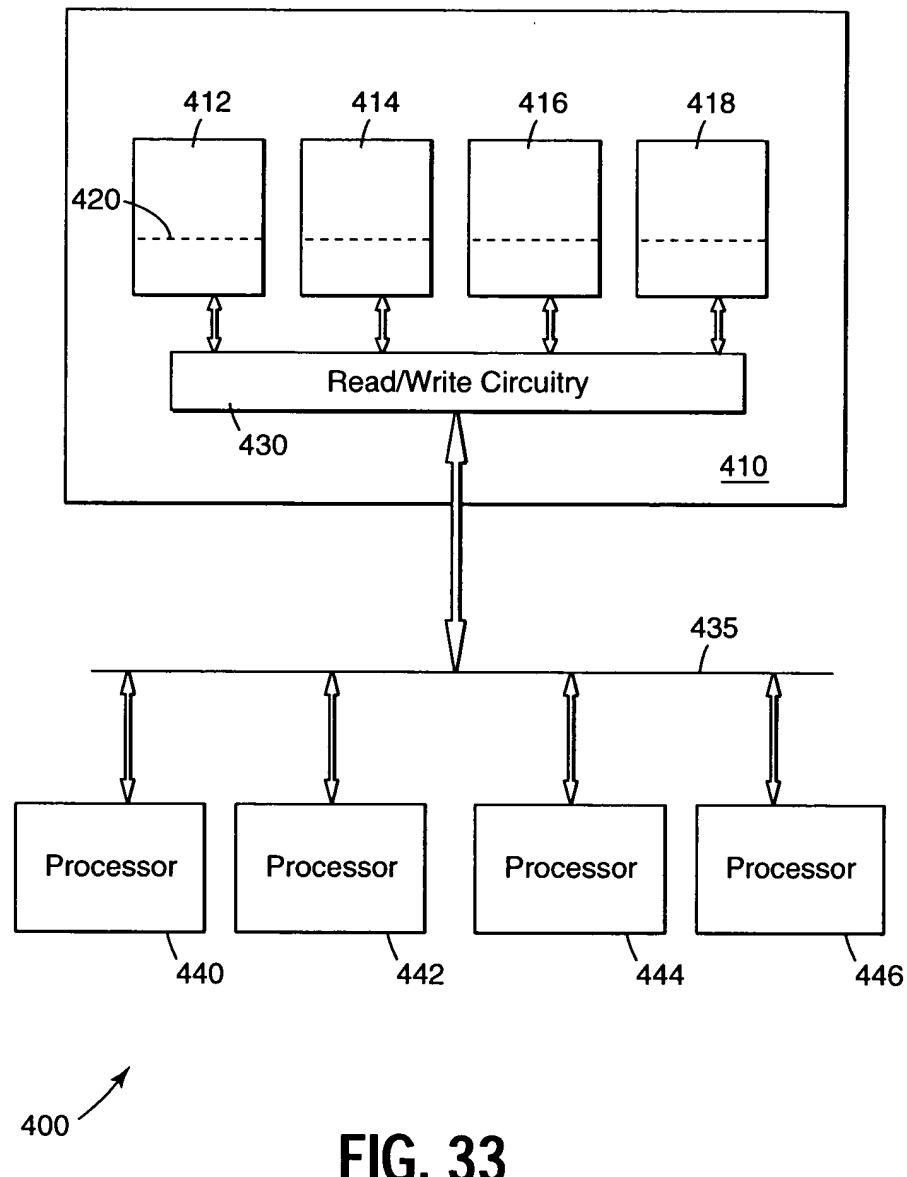


FIG. 33

REPLACEMENT SHEET

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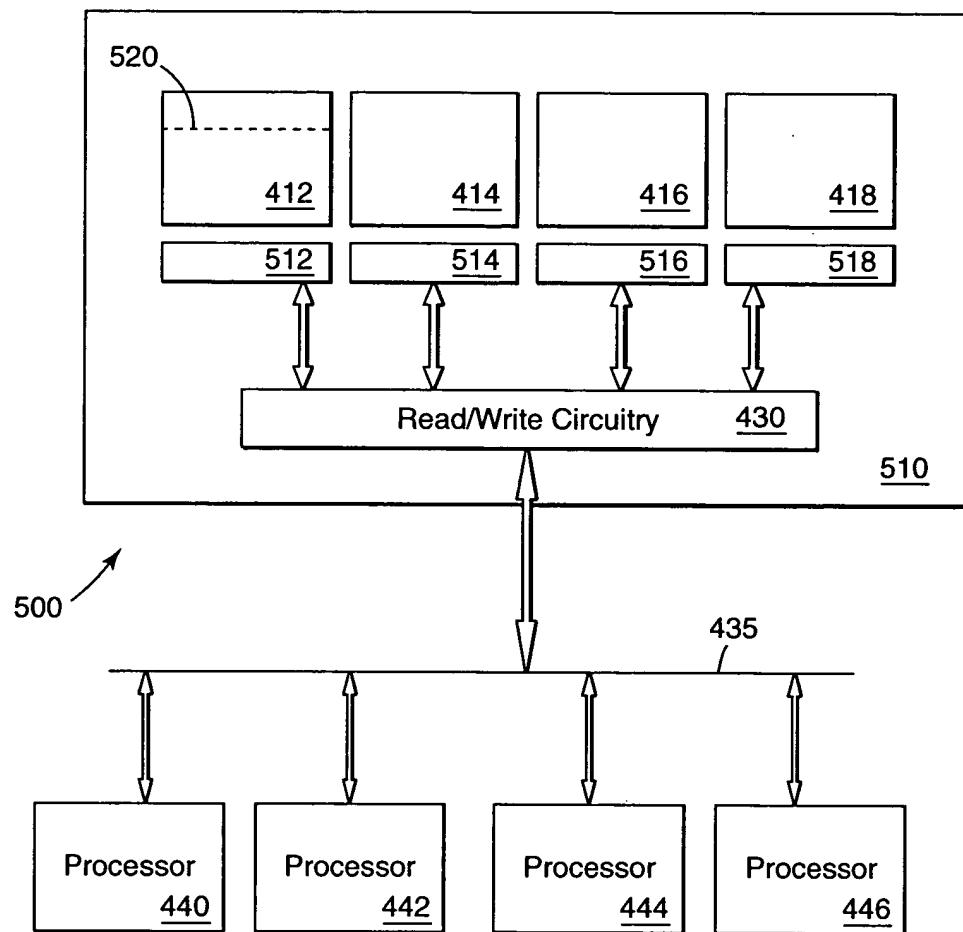


FIG. 34